

Summary

Part of the invention is a method of generating an optical MSK signal comprising the steps of generating an optical signal using a laser using a NRZ-signal with a defined bit rate and a sinusoidal signal with half of the frequency of the bit rate to modulate the optical signal. A further part of the invention is a method for precoding the bit stream, wherein a differential precoder in combination with a coder is used for inverting the bit of the bit stream in using a predefined pattern.